

FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: SONY-12302

Serial No.: 10/607,071

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
(Use Several Sheets if Necessary)

Applicant: Kevin K. Lym et al.

(37 CFR § 1.98(b))

Filing Date: June 25, 2003

Group Art Unit: 2112

## U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA	3,836,722	09/17/74	Muller et al.	179	15 BS	04/17/73
	AB	3,889,236	06/10/75	Herger et al.	340	172.5	10/9/73
	AC	3,906,484	09/16/75	Melvin, Jr. et al.	340	347 DD	09/13/72
	AD	4,218,756	08/19/80	Fraser	364	900	06/19/78
	AE	4,379,294	04/05/83	Sutherland et al.	340	825.5	02/12/81
	AF	4,395,710	07/26/83	Einolf, Jr. et al.	340	825.5	11/26/80
	AG	4,409,656	10/11/83	Andersen et al.	364	200	12/21/81
	AH	4,493,021	01/08/85	Agrawal et al.	364	200	04/03/81
	AI	4,633,392	12/30/86	Vincent et al.	364	200	04/22/85
	AJ	4,641,238	02/03/87	Kneib	364	200	12/10/84
	AK	4,641,307	02/03/87	Russell	340	825.5	05/22/86
	AL	4,739,323	04/19/88	Miesterfeld et al.	340	825.5	05/22/86
	AM	4,857,910	08/15/89	Baunach	340	799	12/19/83
	AN	4,897,783	01/30/90	Nay	364	200	06/27/86
	AO	4,972,470	11/20/90	Farago	380	3	08/08/87
	AP	4,998,245	03/05/91	Tanaka et al.	370	85.100	12/12/88
	AQ	5,008,879	04/16/91	Fischer et al.	370	85.2	11/14/88
	AR	5,117,070	05/26/92	Ueno et al.	178	2 R	10/09/90
	AS	5,128,677	07/07/92	Donovan et al.	341	177	09/15/89
	AT	5,191,418	03/02/93	Tran	358	142	02/20/91
	AU	5,276,684	01/04/94	Pearson	370	94.1	07/22/91
	AV	5,301,287	04/05/94	Herrell et al.	395	400	02/16/93
	AW	5,325,510	06/28/94	Frazier	395	425	07/15/93
	AX	5,343,469	08/30/94	Ohshima	370	85.1	06/11/91
	AY	5,359,713	10/25/94	Moran et al.	395	200	03/11/93
	AZ	5,361,261	11/01/94	Edem et al.	370	85.3	11/02/92
	BA	5,369,773	11/29/94	Hammerstrom	395	800	04/26/91
	BB	5,400,340	03/21/95	Hillman et al.	370	105.3	03/04/93
	BC	5,402,419	03/28/95	Osakabe et al.	370	85.1	12/17/93
	BD	5,412,698	05/02/95	Van Brunt et al.	375	373	03/16/93
	BE	5,420,573	05/30/95	Tanaka et al.	340	825.24	08/31/94
	BF	5,444,709	08/22/95	Riddle	370	94.1	09/30/93
	BG	5,465,402	11/07/95	Ono et al.	455	161.2	03/23/94
	BH	5,487,153	01/23/96	Hammerstrom et al.	395	250	06/24/94
	BI	5,493,570	02/20/96	Hillman et al.	370	105.3	05/15/95

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	BJ	5,497,466	03/05/96	Roden et al.	395	306	03/17/94
	BK	5,499,344	03/12/96	Elnashar et al.	395	250	10/07/92
	BL	5,504,757	04/02/96	Cook et al.	370	84	09/27/94
	BM	5,506,846	04/09/96	Edem et al.	370	94.2	04/12/94
	BN	5,509,126	04/16/96	Opreescu et al.	395	307	03/16/93
	BO	5,517,662	05/14/96	Coleman et al.	395	800	11/08/94
	BP	5,519,701	05/21/96	Colmant et al.	370	60.1	03/29/95
	BQ	5,524,213	06/04/96	Dais et al.	395	200.170	01/25/95
	BR	5,526,353	06/11/96	Henley et al.	370	60.1	12/20/94
	BS	5,533,018	07/02/96	DeJager et al.	370	60.1	12/21/94
	BT	5,535,208	07/09/96	Kawakami et al.	370	84	03/07/95
	BU	5,537,408	07/16/96	Brarstad et al.	370	79	06/05/95
	BV	5,544,324	08/06/96	Edem et al.	395	200.17	11/02/92
	BW	5,546,389	08/13/96	Wippenbeck et al.	370	60	07/12/94
	BX	5,546,553	08/13/96	Robertson et al.	395	405	12/15/94
	BY	5,548,587	08/20/96	Bailey et al.	370	60.1	09/12/94
	BZ	5,550,802	08/27/96	Worsley et al.	370	13	02/07/95
	CA	5,557,724	09/17/96	Sampat et al.	395	157	10/12/93
	CB	5,559,796	09/24/96	Edem et al.	370	60	02/28/95
	CC	5,559,967	09/24/96	Opreescu et al.	395	285	03/18/93
	CD	5,566,174	10/15/96	Sato et al.	370	84	09/07/94
	CE	5,586,264	12/17/96	Belknap et al.	395	200.08	09/08/94
	CF	5,594,732	01/14/97	Bell et al.	370	401	03/03/95
	CG	5,594,734	01/14/97	Worsley et al.	370	395	11/01/93
	CH	5,602,853	02/11/97	Ben-Michael et al.	370	474	11/03/94
	CI	5,603,058	02/11/97	Belknap et al.	395	855	09/08/94
	CJ	5,615,382	03/25/97	Gavin et al.	395	800	06/06/95
	CK	5,617,419	04/01/97	Christensen et al.	370	471	09/20/94
	CL	5,619,646	04/08/97	Hoch et al.	395	200.01	09/27/94
	CM	5,632,016	05/20/97	Hoch et al.	395	200.02	09/27/94
	CN	5,640,392	06/17/97	Hayashi	370	395	07/07/95
	CO	5,640,592	06/17/97	Rao	710	5	09/30/94
	CP	5,646,941	07/08/97	Nishimura et al.	370	389	05/26/95
	CQ	5,647,057	07/08/97	Roden et al.	395	275	09/09/94
	CR	5,652,584	07/29/97	Yoon	341	89	11/29/95

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(37 CFR § 1.98(b))				Filing Date: June 25, 2003		Group Art Unit: 2112
U.S. PATENT DOCUMENTS						
Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	CS	5,655,138	Kikinis	395	808	04/11/95
	CT	5,659,780	Wu	395	800.19	06/15/94
	CU	5,664,124	Kutz et al.	395	309	09/02/97
	CV	5,668,948	Belknap et al.	395	200.61	09/08/94
	CW	5,684,954	Kaiserswerth et al.	395	200.2	03/20/93
	CX	5,687,174	Edem et al.	370	446	04/26/95
	CY	5,687,316	Graziano et al.	395	200.2	07/29/94
	CZ	5,689,244	Iijima et al.	340	825.07	11/18/97
	DA	5,689,727	Bonke et al.	395	840	05/08/95
	DB	5,692,211	Gulick et al.	395	800	09/11/95
	DC	5,694,555	Morriss et al.	395	280	03/19/96
	DD	5,696,924	Robertson et al.	395	412	06/07/95
	DE	5,704,052	Wu et al.	395	380	04/22/96
	DF	5,706,439	Parker	395	200.17	09/21/94
	DG	5,708,779	Graziano et al.	395	200.8	01/13/98
	DH	5,710,773	Shiga et al.	370	512	07/14/95
	DI	5,719,942	Aldred et al.	380	49	03/21/95
	DJ	5,752,076	Munson	395	825	08/31/95
	DK	5,758,075	Graziano et al.	395	200.8	09/24/96
	DL	5,761,430	Gross et al.	395	200.55	04/12/96
	DM	5,761,457	Gulick	395	308	10/21/96
	DN	5,774,683	Gulick	395	309	10/21/96
	DO	5,781,599	Shiga	375	376	09/06/95
	DP	5,787,298	Broedner et al.	395	750.05	08/18/95
	DQ	5,793,953	Yeung et al.	395	200.8	07/07/95
	DR	5,809,249	Julyan	395	200.53	03/01/96
	DS	5,812,883	Rao	395	8.94	11/22/95
	DT	5,815,678	Hoffman et al.	395	309	07/14/95
	DU	5,828,416	Ryan	348	512	03/29/96
	DV	5,828,903	Sethuram et al.	395	817	11/19/96
	DW	5,832,245	Gulick	395	309	10/21/96
	DX	5,835,726	Shwed et al.	709	229	06/17/96
	DY	5,835,793	Li et al.	395	898	05/02/97
	DZ	5,848,253	Walsh et al.	395	309	01/22/97
	EA	5,872,983	Walsh et al.	395	750.01	07/17/96
	EB	5,875,312	Walsh et al.	395	309	12/03/96
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	EC	5,884,103	Terho et al.	710	72	04/18/96
	ED	5,887,145	Harari, et al.	395	282	01/09/97
	EE	5,938,752	Leung et al.	710	126	05/20/97
	EF	5,946,298	Okuyama	370	232	04/05/96
	EG	5,970,236	Galloway et al.	395	500.44	11/14/95
	EH	5,987,126	Okuyama et al.	380	5	03/13/98
	EI	5,991,520	Smyers et al.	395	280	02/02/96
	EJ	6,085,270	Gulick	710	100	06/17/98
	EK	6,243,783	Smyers et al.	710	129	06/21/99
	EL	6,631,435	Lym et al.	710	305	06/29/00

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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
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	EN	0 428 111 A2	05/22/91	European	G06F	13/28		X
	EO	0 499 394 A1	08/19/92	European	G06F	13/38		X
	EP	0 578 013 A1	01/12/94	European	G06F	13/12		X
	EQ	0 588 046 A1	03/23/94	European	G06F	13/38		X
	ER	0 651 329 A2	05/03/95	European	G06F	9/46		X
	ES	0 696 853 A2	02/14/96	European	H04B	1/20		X
	ET	2 275 852	09/07/94	Great Britain	H04N	5/04		X

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	EV "The Programmable Protocol VLSI Engine (PROVE)," A.S. Krishnakumar, W.C. Fischer, and Krishan Sabnani, IEEE Transactions on Communications, August 1994, New York, pp. 2630-2642
	EW "A Bus on a Diet-The Serial Bus Alternative. An Introduction to the P1394 High Performance Serial Bus," Michael Teener, CompCon92 February 1992, pp. 316-321.
	EX "1394 200 Mb/s PHYSICAL Layer Transceiver," IBM Microelectronics, Product Data Sheet and Application Notes, Version 1.4, March 14, 1996.
	EY "The IEEE-1394 High Speed Serial Bus," R.H.J. Bloks, Philips Journal of Research, Vol 50., No. 1/2, pp. 209-216, 1996.
	EZ "IEEE 1394-1995 Triple Cable Transceiver/Arbiter," Texas Instruments TSB21LV03, Product Review, Revision 0.99, March 19, 1996.
	FA "P1394 Standard for A High Performance Serial Bus," IEEE, 1995
	FB Data link driver program design for the IBM token ring network PC adapter," Gee-Swee Poo and Wilson Ang. Computer Communications vol. 12, no. 5, pp. 266-272, October 1989.
	FC "Fiber Channel(FCS)/ATM interworking: A design solution," A. Anzaloni et al., ERICSSON FATME R&D Division, Rome, I. Globecom '93, vol 2, pp. 1127-1133, November 29, 1993.
	FD "The SerialSoft IEEE 1394 Developer Toolkit," Toolkit Tk-01, Release 2, Skipstone, Inc.
	FE "(Part 1 of 3) Local Area Network Protocol for Autonomous Control of Attached Devices," Software Patent Institute Database of Technologies, IBM, July, 1990.

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	FF	"(Part 1 of 4) Architecture for High Performance Transparent Bridges," Software Patent Institute Database of Software Technologies, IBM, July 1992.
	FG	"Access to High-Speed LAN via Wireless Media," Software Patent Institute Database of Software Technologies, IBM, April 1993.
	FH	"Asynchronous Transfer Mode," Julia L. Heeter, December 12, 1995.
	FI	"Data Exchange Adapter for Micro Channel/370," Software Patent Institute Database of Software Technologies, October 1991.
	FJ	"PC Intern 4 Systemprogrammierung," Michael Tischer, pages 162-181, Data Becker GmbH, 1994, Dusseldorf, Germany.
	FK	"Digital Interface for Consumer Audio/Video Equipment - Part 5: SDL-DVCR Data Transmission," International Electrotechnical Commission, FORM 9 (IEC), January 2, 1997.
	FL	"IEEE 1394, The Cable Connection to Complete the Digital Revolution," Daniel Moore.
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	AB	5,701,302	12/23/97	Geiger	370	521	10/25/95
	AC	6,205,538 B1	03/20/01	Yung	712	201	08/24/94
	AD	6,233,637 B1	05/15/01	Smyers et al.	710	129	03/07/96
	AE	6,266,727 B1	07/24/01	Smyers et al.	710	105	03/29/99
	AF	6,519,268 B1	02/11/03	Smyers	370	536	03/07/96
	AG	6,587,910 B2	07/01/03	Smyers et al.	710	306	06/11/01
	AH						
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	AJ						

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